| Electronic Patent Application Fee Transmittal |   |          |          |        |                         |  |  |  |
|---|---|----------|----------|--------|-------------------------|--|--|--|
| Application Number:                           | 10789387  |          |          |        |                         |  |  |  |
| Filing Date:                                  | 26-Feb-2004   |          |          |        |                         |  |  |  |
| Title of Invention:                           | APPARATUS AND ASSOCIATED METHODS TO INTRODUCE DIVERSITY IN A MULTICARRIER COMMUNICATION CHANNEL |          |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:          | Lei Shao  |          |          |        |                         |  |  |  |
| Filer:  | Paul Mendonsa/Merissa Anderson  |          |          |        |                         |  |  |  |
| Attorney Docket Number:                       | 042390.P16330   |          |          |        |                         |  |  |  |
| Filed as Large Entity                         |   |          |          |        |                         |  |  |  |
| Utility under 35 USC 111(a) Filing Fees       |   |          |          |        |                         |  |  |  |
| Description                                   |   | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                                 |   |          |          |        |                         |  |  |  |
| Pages:  |   |          |          |        |                         |  |  |  |
| Claims:                                       |   |          |          |        |                         |  |  |  |
| Miscellaneous-Filing:                         |   |          |          |        |                         |  |  |  |
| Petition:                                     |   |          |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:              |   |          |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:             |   |          |          |        |                         |  |  |  |
| Extension-of-Time:                            |   |          |          |        |                         |  |  |  |

| Description                             | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|---|----------|----------|--------|-------------------------|
| Miscellaneous:                          |          |          |        |                         |
| Submission- Information Disclosure Stmt | 1806     | 1        | 180    | 180                     |
|   | Tot      | 180      |        |                         |